

2010

Injury-related Emergency Dept. Visits MA Youth & Young Adults, Ages 15-24 Years

There were **133,354** injury-related emergency department (ED) visits among Massachusetts youth between the ages of 15-24 years in FY2010. About **1 in 7** youth in this age group suffered an injury. The leading injury cause among this age group was struck by/against followed by falls.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	11,913	957	698	33	<7	13,602	10.2	1,450.7
Drowning/submersion	38	0	<7	<7		40	0.0	4.3
Fall	20,060	8	10	25		20,103	15.1	2,144.1
Fire/burn	1,802	13	8	13		1,836	1.4	195.8
Firearms	50	0	98	15	0	163	0.1	17.4
Machinery	481					481	0.4	51.3
Natural/environmental	3,694	0		5		3,699	2.8	394.5
<i>Dog bites</i>	1,023	0		0		1,023	0.8	109.1
<i>Other bites & stings</i>	2,232	0		0		2,232	1.7	238.1
<i>All other (e.g. extreme cold)</i>	439	0		5		444	0.3	47.4
Overexertion	15,041					15,041	11.3	1,604.2
Poisoning	1,315	1,071	8	735	0	3,129	2.3	333.7
Struck by, against	24,302	0	4,977	0	140	29,419	22.1	3,137.7
Suffocation/hanging	15	34	20	<7		72	0.1	7.7
Transport Injuries:	21,530	<7	13	<7	0	21,550	16.2	2,298.4
<i>Motor vehicle traffic-related</i>	18,435	<7	13	<7	0	18,455	13.8	1,968.3
<i>Occupant</i>	15,645					15,645	11.7	1,668.6
<i>Motorcyclist</i>	563					563	0.4	60.0
<i>Pedal cyclist</i>	362					362	0.3	38.6
<i>Pedestrian</i>	828					828	0.6	88.3
<i>Other person</i>	54					54	0.0	5.8
<i>Unspecified person</i>	983					983	0.7	104.8
<i>Pedal cyclist, other</i>	1,725					1,725	1.3	184.0
<i>Pedestrian, other</i>	105					105	0.1	11.2
<i>Other transport</i>	1,265					1,265	0.9	134.9
Other specified & classifiable	4,671	<7	760	10	<7	5,451	4.1	581.4
Other specified, not classifiable	2,389	279	1,416	41	<7	4,130	3.1	440.5
Unspecified	7,802	53	1,014	543	20	9,432	7.1	1,006.0
Adverse Effects						139	0.1	14.8
No cause or intent provided						5,067	3.8	540.4
TOTALS	115,103	2,426	9,023	1,426	170	133,354	100.0	14,222.8
Injury ED Visit Rate by Intent	12,276.3	258.7	962.3	152.1	18.1	n/a	n/a	n/a

Source: MA Emergency Department Discharge Database, MA MA Center for Health Information Analysis.

—Analysis is based on a fiscal year (October 1, 2009 - September 30, 2010).

—Rates are per 100,000 residents. Rates provided here are not age-adjusted and may differ slightly from other department publications. Rates are not calculated on counts of less than five. Rates that are based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data."

This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.
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